

Project Name: _____ Type: _____ Quantity: _____

FIXTURE SPECIFICATIONS

INTENDED USE

The linear architectural pendant light comes in 4-foot and 8-foot standard lengths. This commercial-grade LED fixture can be integrated into continuously seamless runs of any length. Our high-Color Rendering Index (CRI) product is made to last, making this light perfect for commercial, hospitality and residential interiors. Its linear chandelier designs offer both indirect and direct lighting options. Designed for versatility and performance in today's office, classroom, conference room, museum, retailer, hotel and restaurant.

PRODUCT FAMILY

12100-45-P Pendant Mount
12100-45-W Wall Mount
12100-45-S Surface Mount
12100-45-R Recessed Mount

AVAILABLE LENGTHS

2FT, 3FT, 4FT, 6FT & 8FT
Continuous Run | Consult Factory
Custom Length | Consult Factory

FEATURES

Construction: Die-Formed and welded 22-gauge cold rolled steel, painted finish with premium paint

Continuous Run: Full ability to tandem mount for continuous run application

Indirect Mounting: For Most Effective Indirect Lighting Result, Mount at No Less Than 18" from the Ceiling

Custom Design: Offered with Pre-Fabricated and Fully Illuminated Corners

Lens: Glare Free Snap In Frosted Acrylic for Even Distribution

Voltage: 50/60 Hz Constant Current 0-10V @ 120-277V, TRIAC & ELV @ 120V

Dimming: 0-10V, TRIAC (Forward-Phase), ELV (Reverse-Phase)

Controls: Lutron Vive, Lutron Ecosystem, Philips EasySense, Siemens Enlightend

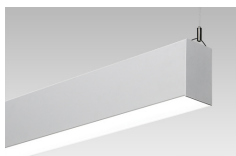
CRI: 80+ & 90+

Life: +60,000 Reported L70 Hours @ 55°C

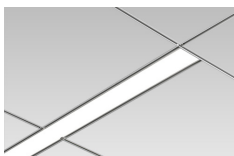
Operating Temperature: 4°F (-20°C) ~ 122°F (50°C).

Warranty: 1 Year Carefree for Parts & Components (Labor Not Included)

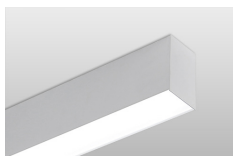
Listings: UL / CUL listed, DLC listed, ADA compliant,



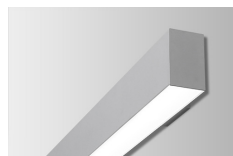
Pendant



Recessed



Surface



Wall



ORDERING INFORMATION Example: (12100-45-P-D27-U18-S-4-30K-TRI-WH-AC48-1-8)

Model	Mounting	LED Downlight	LED Uplight ¹	Shape	Single Run	Color Temp	Dimming	Finish	Pendant Mounting	CRI	Options	Optional Controls
12100-45 4" x 4"	P Pendant	Per 4 Foot Sections D18 18 Watts 2661 Lumens	Per 4 Foot Sections Blank No Uplight	S Single Run	Cont. Run	27K 2700K	010 0-10V 5-Wire	WH White (Matte) RAL# 9003	(Blank) None Required	8 80+ CRI	Blank No Options	Blank No Controls
	W Wall	D27 27 Watts 3302 Lumens	U18 18 Watts 2661 Lumens	CR Continuous Run	Specify Run Length in Feet	30K 3000K	TRI TRIAC Forward Phase 2-Wire	BK Black (Matte) RAL# 9011	AC4 4' Adjustable Aircraft Cable	9 90+ CRI	EM5 5W Emergency Ballast	LV Lutron VIVE™ Wireless
	S Surface	D36 36 Watts 4560 Lumens	U27 27 Watts 3302 Lumens	RC Rectangle	Rectangle W L	35K 3500K	ELV Electronic Low Voltage Reverse Phase 3-Wire	SL Silver (Matte) RAL# 9022	AC8 8' Adjustable Aircraft Cable		EM8 8W Emergency Ballast	LE Lutron Ecosystem™
	RS Recessed Screw Slot Grid	D48 48 Watts 5486 Lumens		SQ Square	W L	40K 4000K	DL DALI	ACX Specify X in Feet (Max 30')	ST2 2' Stem		EM16 16W Emergency Ballast	PH Philips EasySense™
	RT Recessed T-Bar Grid	D54 54 Watts 6459 Lumens		+² Cross	W L	50K 5000K		ST4 4' Stem			OS Occupancy Sensor w/ Daylight Harvesting	EN Siemens Enlightened™
	RF Recessed Flanged			CW Ceiling to Wall	W L	TW Tunable White 2700-5000K		STX Specify X in Feet (Max 8')			DS Daylight Dimming Photo Sensor	
	RTL Recessed Trimless			CU Custom	W L						AB Separate Dimming Control of Uplight and Downlight	

Draw your custom shape here and send us your idea to rfq@alconlighting.com

Cross 90°

Specify Length of one leg in Feet

Ceiling to Wall

Custom

Ceiling X Wall









¹ Only available for Pendant and Wall Mount
² Length Minimum 2 Foot

Available Finishes

Standard

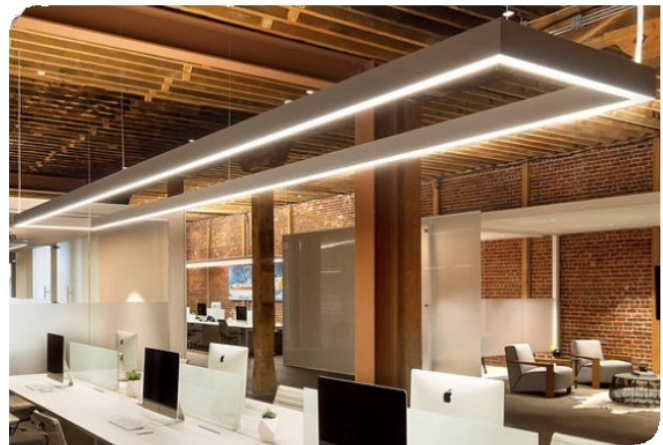
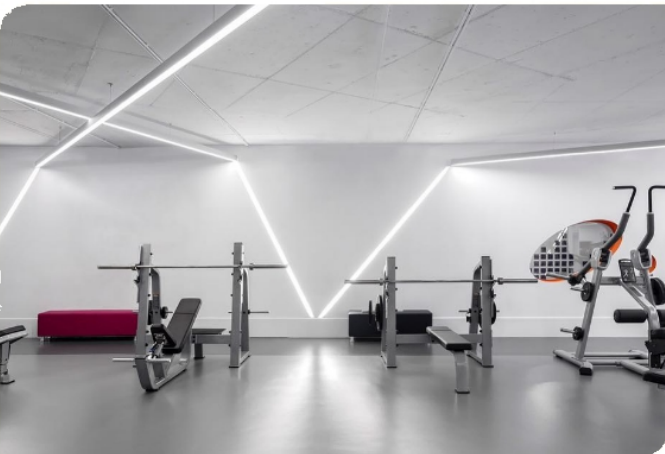
	01	White	RAL #9003
	02	Black	RAL #9011
	03	Silver	RAL #9022
	04	Crystal White	RAL #9010
	05	Natural Aluminum	RAL #7035
	06	Hampden	RAL #9001
	07	London	RAL #7044

Metropolitan

	08	Urban Native	RAL #8025
	09	Military Green	RAL #6011
	10	Carmin	RAL #8028
	11	Chocolate Spice	RAL #8017
	12	Asher Grey	RAL #7004
	13	Tech Grey	RAL #7016
	14	Slate	RAL #7031
	15	Mason	RAL #7039

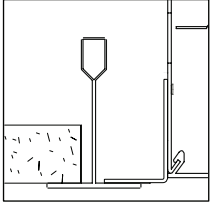
Vibrant

	16	Violet Dreams	RAL #4006
	17	Sangria Sunset	RAL #2004
	18	Deep Pink	RAL #4010
	19	Ruby Red	RAL #3027
	20	Island Skye	RAL #6027
	21	Sophia	RAL #5015
	22	Antique Spring	RAL #6019
	23	Daisy	RAL #1018
	24	Gun Metal	RAL #7024

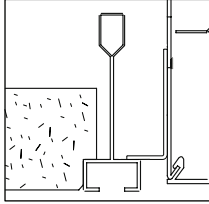


Mounting Options

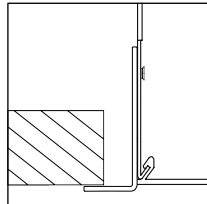
1" Grid Mounting Options



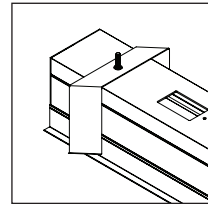
Screw Slot Mounting



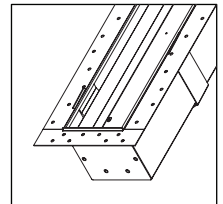
Flange Detail



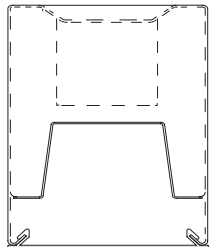
Rotating Crossbar



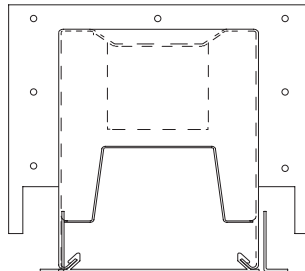
Spackle Flange, Trimless



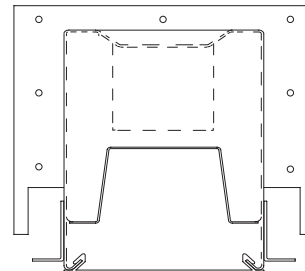
Surface



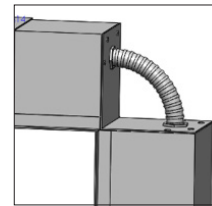
Recessed T-Bar



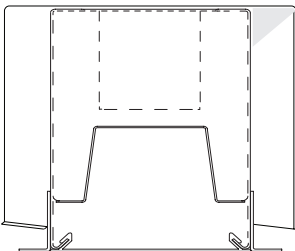
Recessed Screw Slot Grid



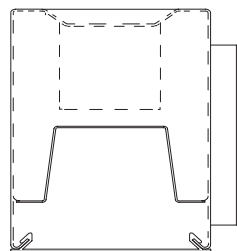
Ceiling to Wall



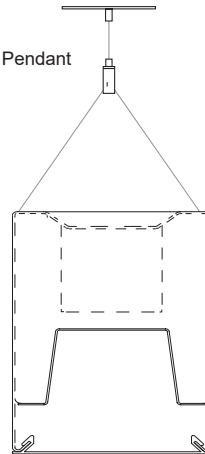
Drywall



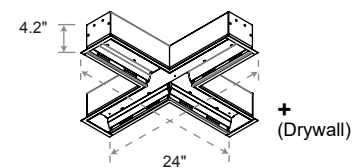
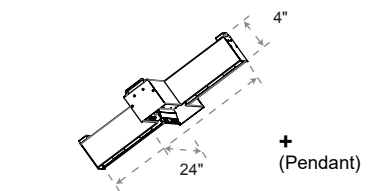
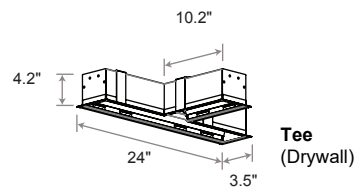
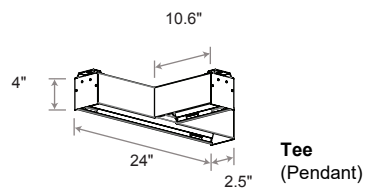
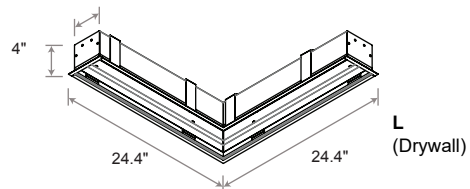
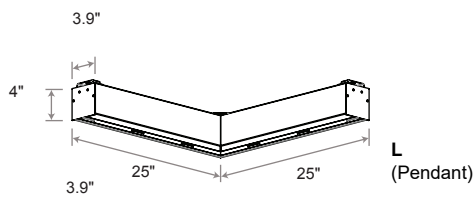
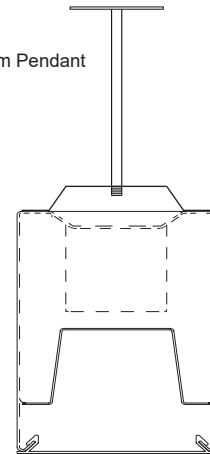
Wall



Cable Pendant



Stem Pendant



Controls

Smart Sensors	Protocol	Compatible Networks	Occupancy	Daylight	Temperature Reporting	Communication to Luminaire
enlighted	Enlighted RF	Enlighted RF	Integrated	Integrated	Yes	Wireless
LUTRON	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	Enabled	No	Wired
VIVE	Lutron Clear Connect®	Lutron Vive System Network	Enabled	Enabled	No	Wireless
PHILIPS	ZigBee HA	Philips	Enabled	Enabled	No	Wired



Controls Installed on the Fixture



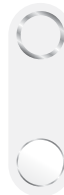
FCJS-010
Individual
Fixture Control

Fixture Will be Shipped LUTRON VIVE Enabled with LUTRON FCJS-010 0-10V Control Module Installed on the Fixture. Fixtures will be compatible with Lutron FC-SENSOR Occupancy/Daylight Sensor or FC-VSENSOR Vacancy/Daylight Sensor which can be Added in the Field for Remote Mounting. Fixture May be Controlled with any Vive control systems. Fixtures must be ordered with a 0-10V Driver.



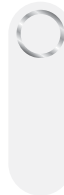
FCJS-ECO
Individual
Fixture Control

Fixture Will be Shipped LUTRON VIVE Enabled with LUTRON FCJS-ECO EcoSystem Control Module Control Module Installed on the Fixture. Fixtures will be compatible with Lutron FC-SENSOR Occupancy/Daylight Sensor or FC-VSENSOR Vacancy/Daylight Sensor which can be Added in the Field for Remote Mounting. Fixture May be Controlled with any Vive control systems. Fixtures must be ordered with a Lutron Driver.



DFCSJ-OEM-OCC

Fixture Will be Shipped LUTRON VIVE Enabled with DFCSJ-OEM-OCC* Vive Integral Fixture Control (with Sensing) Installed on the Fixture. Fixture May be Controlled with any Vive control systems. Fixtures must be ordered with a DMX or Lutron EcoSystem Driver



DFCSJ-OEM-RF

Fixture Will be Shipped LUTRON VIVE Enabled with LUTRON DFCSJ-OEM-RF* Vive Integral Fixture Control (RF Only) Installed on the Fixture. Fixture May be Controlled with any Vive control systems. Fixtures must be ordered with a DMX or Lutron EcoSystem Driver.

Controls Provided by Lutron



Vive Wireless Hub



DayLight
Sensor



Ceiling Mount
Occupancy/Daylight
Sensor



Ceiling Mount
Occupancy Sensor



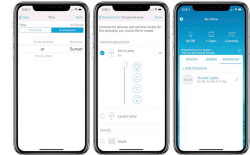
Pico
Remote



Wall Mount
Switch



Wall Mount
Occupancy Sensor



Lutron App



Fixture will be shipped with Leviton ZL027-N0W power control module installed on the fixture. Fixtures will be compatible with Leviton ZL00J-D0W sensor control module which can be added in the field for remote mounting. Fixture must be controlled with Leviton Intellect Keypad Room Controller, or Leviton Neuron App.



ZL027-N0W
Power control module



ZL00J-D0W
Sensor control module

Leviton Keypad



ZLDNK-1W



ZLDNK-2W



ZLDNK-4W



ZLDNK-8W

Intellect™ Keypad Room
Controller (Required)

Leviton App



Neuron App



Philips EasySense sensors provide luminaire-level control with Occupancy sensing, Daylight harvesting, and Field task tuning.

Controls Installed on the Fixture



PHILIPS-XSR + SNS200

Fixture will be Shipped with EasySense SNS200 Sensor installed and PHILIPS-XSR driver. Fixture May Only be Controlled with Philips Field App or Wireless Switches.



SRB + SNS200

Fixture Will be Shipped with EasySense SNS200 Sensor installed and PHILIPS SRB Bridge. Fixture May Only be Controlled with Philips Field App or Wireless Switches or any 0-10V. Wall Box Dimmer.



Controls Provided by Philips



ZBT-S1AWH



ZBT-S2AWH

Ilumra Wireless Switches



PHILIPS-XSR + SNS200-CMP

Fixture will be Shipped Sensor Ready with PHILIPS-XSR driver and EasySense SNS200-CMP Sensor which is Included to be Remote Mounted. Fixture May Only be Controlled with Philips Field App or Wireless Switches



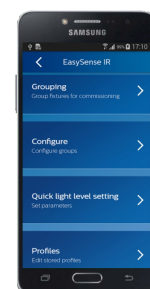
SRB + SNS200-CMP

Fixture Will be Shipped Sensor Ready with PHILIPS SRB Bridge and EasySense SNS200-CMP Sensor which is Included to be Remote Mounted. Fixture May Only be Controlled with Philips Field App or Wireless Switches or any 0-10V. Wall Box Dimmer.





SRB

Fixture will be Shipped Sensor Ready with SRB Bridge. Fixture will be Compatible with EasySense Sensor SNS200-CMP which can be Added in the Field for Remote Mounting. Fixture May Only be Controlled with Philips Field App or Wireless Switches or any 0-10V. Wall Box Dimmer.



Philips Field App

Compatible Dimmers

MFG	Triac	ELV	0-10
	TG-600P	DVELV-303P	NTSTV
	LG-600P	SELV-300P	NFTV
	TGCL-153P	MAELV-600	DVSTV
	DV-600P	FAELV-500	
	DVCL-153P		
	S-603PG		
	CT-103P		
	S-600P		
	6161	IPE04	IP710-DLZ
	6633-P	VPE06-1LZ	
	6683		
	6631-2		
	IPI06-1LZ		

COLOR TEMPERATURE GUIDE



Direct

12100-45-D27-S-4

Illuminance at a Distance

Center Beam FC Beam Width

1.7FT	555 FC	3.9 FT	3.1 FT
3.3FT	147 FC	7.6 FT	6.1 FT
5.0FT	64.1 FC	11.6 FT	9.2 FT
6.7FT	35.7 FC	15.5 FT	12.3 FT
8.3FT	23.3 FC	19.2 FT	15.2 FT
10.0FT	16.0 FC	23.2 FT	18.4 FT

■ Vert. Spread: 98.4°
■ Horiz. Spread: 85.1°

12100-45-D27-S-8

Illuminance at a Distance

Center Beam FC Beam Width

1.7FT	1,117 FC	3.9 FT	3.1 FT
3.3FT	296 FC	7.6 FT	6.1 FT
5.0FT	129 FC	11.6 FT	9.2 FT
6.7FT	71.9 FC	15.5 FT	12.3 FT
8.3FT	46.8 FC	19.2 FT	15.2 FT
10.0FT	32.3 FC	23.2 FT	18.4 FT

■ Vert. Spread: 98.4°
■ Horiz. Spread: 85.1°

Direct/Indirect

12100-45-D27-U27-S-4

Illuminance at a Distance

Center Beam FC Beam Width

1.7FT	470 FC	3.9 FT	3.3 FT
3.3FT	296 FC	7.6 FT	6.5 FT
5.0FT	129 FC	11.5 FT	9.8 FT
6.7FT	71.9 FC	15.5 FT	13.2 FT
8.3FT	46.8 FC	19.1 FT	16.3 FT
10.0FT	32.3 FC	23.1 FT	19.7 FT

■ Vert. Spread: 98.1°
■ Horiz. Spread: 89.0°

12100-45-D27-U27-S-8

Illuminance at a Distance

Center Beam FC Beam Width

1.7FT	940 FC	3.9 FT	3.3 FT
3.3FT	249 FC	7.6 FT	6.5 FT
5.0FT	109 FC	11.5 FT	9.8 FT
6.7FT	60.5 FC	15.5 FT	13.2 FT
8.3FT	39.4 FC	19.1 FT	16.3 FT
10.0FT	27.2 FC	23.1 FT	19.7 FT

■ Vert. Spread: 98.1°
■ Horiz. Spread: 89.0°

12100-45-D54-S-4

Illuminance at a Distance

Center Beam FC Beam Width

1.7FT	993 FC	3.9 FT	3.1 FT
3.3FT	263 FC	7.6 FT	6.1 FT
5.0FT	115 FC	11.6 FT	9.2 FT
6.7FT	63.9 FC	15.5 FT	12.3 FT
8.3FT	41.6 FC	19.2 FT	15.2 FT
10.0FT	28.7 FC	23.2 FT	18.4 FT

■ Vert. Spread: 98.4°
■ Horiz. Spread: 85.1°

12100-45-D54-S-8

Illuminance at a Distance

Center Beam FC Beam Width

1.7FT	1,986 FC	3.9 FT	3.1 FT
3.3FT	527 FC	7.6 FT	6.1 FT
5.0FT	230 FC	11.6 FT	9.2 FT
6.7FT	128 FC	15.5 FT	12.3 FT
8.3FT	83.3 FC	19.2 FT	15.2 FT
10.0FT	54.7 FC	23.2 FT	18.4 FT

■ Vert. Spread: 98.4°
■ Horiz. Spread: 85.1°

12100-45-D54-U18-S-4

Illuminance at a Distance

Center Beam FC Beam Width

1.7FT	982 FC	3.8 FT	3.1 FT
3.3FT	261 FC	7.4 FT	5.9 FT
5.0FT	114 FC	11.3 FT	9.0 FT
6.7FT	63.2 FC	15.1 FT	12.1 FT
8.3FT	41.2 FC	18.7 FT	14.9 FT
10.0FT	28.4 FC	22.6 FT	18.0 FT

■ Vert. Spread: 96.9°
■ Horiz. Spread: 83.9°

12100-45-D54-U18-S-8

Illuminance at a Distance

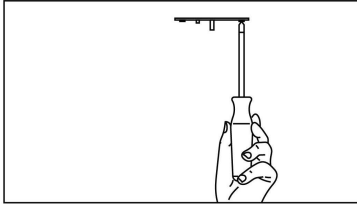
Center Beam FC Beam Width

1.7FT	1,965 FC	3.8 FT	3.1 FT
3.3FT	521 FC	7.4 FT	5.9 FT
5.0FT	227 FC	11.3 FT	9.0 FT
6.7FT	126 FC	15.1 FT	12.1 FT
8.3FT	82.4 FC	18.7 FT	14.9 FT
10.0FT	56.8 FC	22.6 FT	18.0 FT

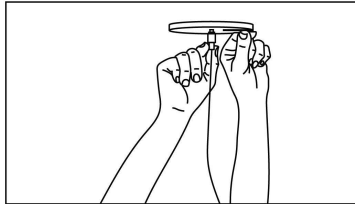
■ Vert. Spread: 96.9°
■ Horiz. Spread: 83.9°

Pendant Installation

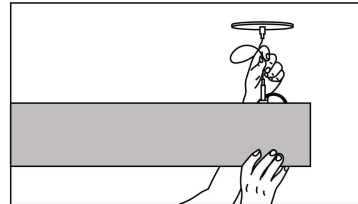
A simple design and adjustable components provide a flexible and hassle-free experience when installing the Continuum Series™.



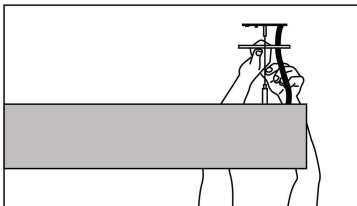
Step 1: Secure cross brackets to junction boxes for both power and non power mounting points.



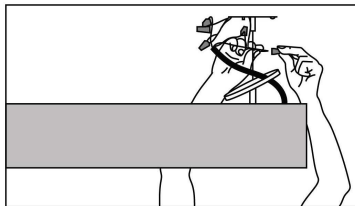
Step 2: Secure canopy with power canopy coupler (Power Feed Mount) & secure canopy with cable terminal (Non Power Feed Mount).



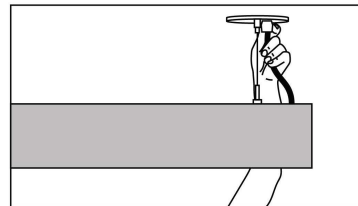
Step 3: Feed aircraft cable into cable grippers, adjust height and level luminaire.



Step 4: Unscrew outer coupler to allow access to junction box. Feed power cord through canopy.



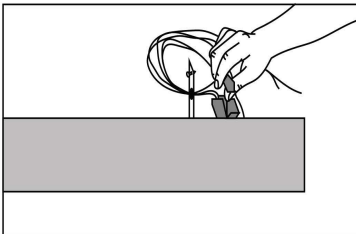
Step 5: Secure canopy back in place with outer coupler.



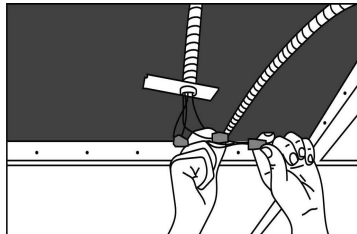
Step 6: Snap strain relief around power cord. Press into canopy.

Recessed T-Bar Installation

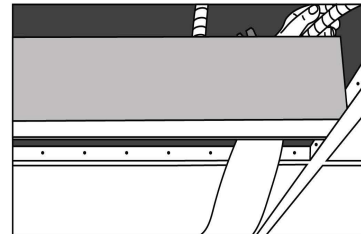
The T-Bar variant of the Continuum Series™ is built to easily install and integrate into the standard grid ceilings in modern interior spaces. The luminaire's flange conveniently hides any imperfections in cuts to the tile, creating a clean, seamless look.



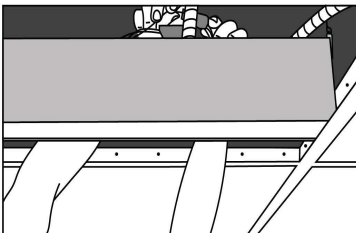
Step 1: Shut off power. Remove ceiling tile from desired light fixture location. Remove knockout plate. Remove pigtail.



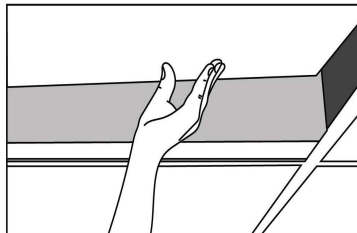
Step 2: Mount knockout plate to flex conduit. Connect pigtail to conduit wires.



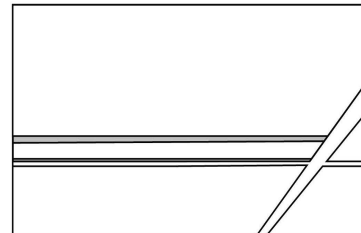
Step 3: Lay luminaire in grid at desired position. Secure fixture to structure above using structural wire (by others) via holes in the end plates.



Step 4: Connect pigtail disconnects to luminaire disconnects. Insert wires into housing. Insert knockout plate and fasten using screw provided.



Step 5: Cut tile to fit beside luminaire and install on both sides of the luminaire.



Step 6: Power can now be turned on.